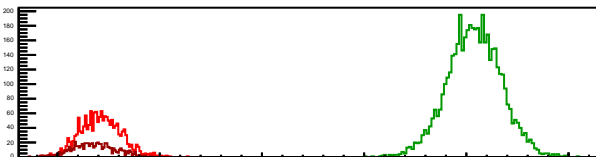


**Cycle 1, PosHel**

Entries: 1646  
 Mean: 6.4213 +/- 0.0049  
 Std Dev: 0.1994 +/- 0.0035

Entries: 4805  
 Mean: 10.0754 +/- 0.0038  
 Std Dev: 0.2636 +/- 0.0027

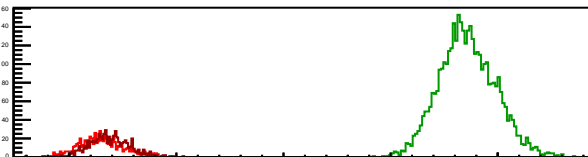
Entries: 737  
 Mean: 6.3562 +/- 0.0079  
 Std Dev: 0.2058 +/- 0.0056

**Cycle 2, PosHel**

Entries: 658  
 Mean: 6.2976 +/- 0.0080  
 Std Dev: 0.2062 +/- 0.0057

Entries: 3984  
 Mean: 9.7167 +/- 0.0042  
 Std Dev: 0.2627 +/- 0.0029

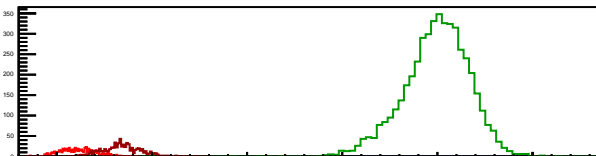
Entries: 661  
 Mean: 6.3727 +/- 0.0074  
 Std Dev: 0.1894 +/- 0.0052

**Cycle 3, PosHel**

Entries: 660  
 Mean: 6.2206 +/- 0.0073  
 Std Dev: 0.1883 +/- 0.0052

Entries: 4767  
 Mean: 9.9865 +/- 0.0050  
 Std Dev: 0.3481 +/- 0.0036

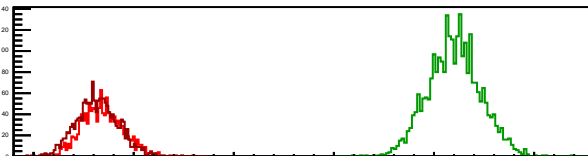
Entries: 737  
 Mean: 6.6825 +/- 0.0075  
 Std Dev: 0.2049 +/- 0.0053

**Cycle 4, PosHel**

Entries: 1242  
 Mean: 6.6881 +/- 0.0058  
 Std Dev: 0.2049 +/- 0.0041

Entries: 2749  
 Mean: 10.2027 +/- 0.0050  
 Std Dev: 0.2618 +/- 0.0035

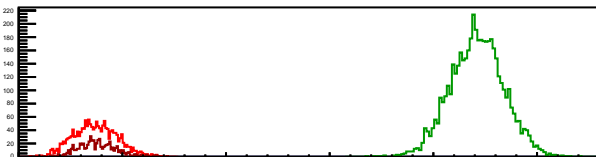
Entries: 1562  
 Mean: 6.6375 +/- 0.0053  
 Std Dev: 0.2077 +/- 0.0037

**Cycle 5, PosHel**

Entries: 1731  
 Mean: 6.7387 +/- 0.0050  
 Std Dev: 0.2084 +/- 0.0035

Entries: 4803  
 Mean: 10.4219 +/- 0.0037  
 Std Dev: 0.2575 +/- 0.0026

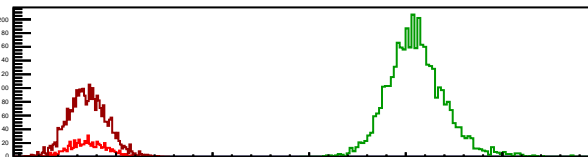
Entries: 671  
 Mean: 6.7605 +/- 0.0071  
 Std Dev: 0.1836 +/- 0.0050

**Cycle 6, PosHel**

Entries: 662  
 Mean: 6.7124 +/- 0.0075  
 Std Dev: 0.1940 +/- 0.0053

Entries: 3924  
 Mean: 10.1093 +/- 0.0047  
 Std Dev: 0.2971 +/- 0.0034

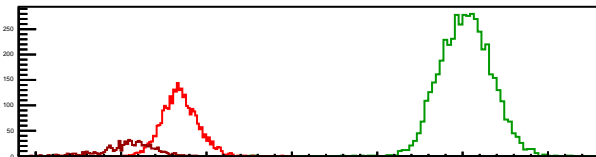
Entries: 2916  
 Mean: 6.7057 +/- 0.0037  
 Std Dev: 0.2014 +/- 0.0026

**Cycle 7, PosHel**

Entries: 2943  
 Mean: 6.6899 +/- 0.0038  
 Std Dev: 0.2064 +/- 0.0027

Entries: 4790  
 Mean: 10.0360 +/- 0.0043  
 Std Dev: 0.3004 +/- 0.0031

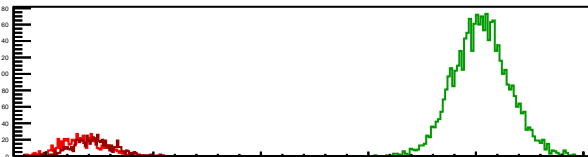
Entries: 763  
 Mean: 6.0857 +/- 0.0110  
 Std Dev: 0.3032 +/- 0.0078

**Cycle 8, PosHel**

Entries: 721  
 Mean: 6.3368 +/- 0.0073  
 Std Dev: 0.1966 +/- 0.0052

Entries: 4687  
 Mean: 10.0490 +/- 0.0038  
 Std Dev: 0.2570 +/- 0.0027

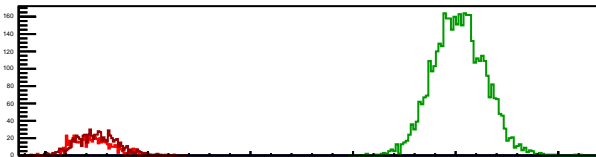
Entries: 665  
 Mean: 6.4420 +/- 0.0076  
 Std Dev: 0.1953 +/- 0.0054

**Cycle 9, PosHel**

Entries: 659  
 Mean: 6.4582 +/- 0.0078  
 Std Dev: 0.2010 +/- 0.0055

Entries: 4210  
 Mean: 10.0340 +/- 0.0039  
 Std Dev: 0.2533 +/- 0.0028

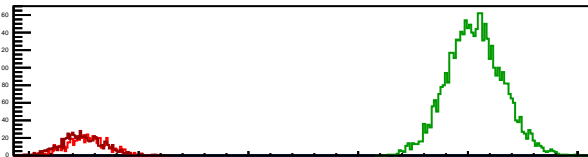
Entries: 768  
 Mean: 6.5013 +/- 0.0074  
 Std Dev: 0.2051 +/- 0.0052

**Cycle 10, PosHel**

Entries: 740  
 Mean: 6.5288 +/- 0.0066  
 Std Dev: 0.1796 +/- 0.0047

Entries: 4733  
 Mean: 10.0635 +/- 0.0037  
 Std Dev: 0.2524 +/- 0.0026

Entries: 765  
 Mean: 6.4871 +/- 0.0069  
 Std Dev: 0.1912 +/- 0.0049

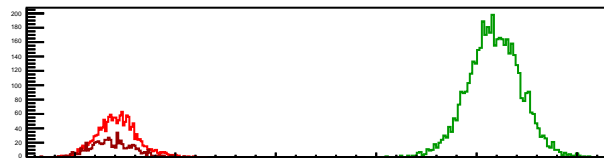


**Cycle 1, NegHel**

Entries: 1646  
 Mean: 6.4245 +/- 0.0049  
 Std Dev: 0.1989 +/- 0.0035

Entries: 4805  
 Mean: 10.1755 +/- 0.0038  
 Std Dev: 0.2610 +/- 0.0027

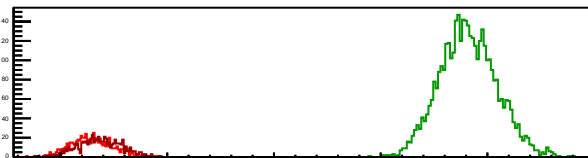
Entries: 737  
 Mean: 6.3645 +/- 0.0079  
 Std Dev: 0.2062 +/- 0.0056

**Cycle 2, NegHel**

Entries: 658  
 Mean: 6.2897 +/- 0.0077  
 Std Dev: 0.1975 +/- 0.0054

Entries: 3984  
 Mean: 9.8217 +/- 0.0042  
 Std Dev: 0.2680 +/- 0.0030

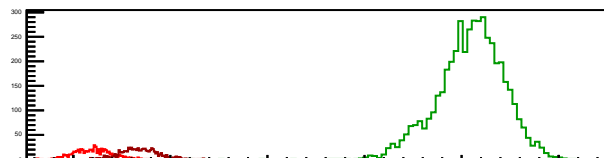
Entries: 661  
 Mean: 6.3697 +/- 0.0078  
 Std Dev: 0.2007 +/- 0.0055

**Cycle 3, NegHel**

Entries: 660  
 Mean: 6.2028 +/- 0.0076  
 Std Dev: 0.1946 +/- 0.0054

Entries: 4767  
 Mean: 10.0903 +/- 0.0051  
 Std Dev: 0.3490 +/- 0.0036

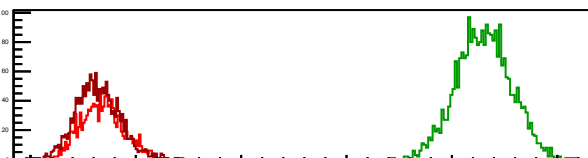
Entries: 737  
 Mean: 6.6833 +/- 0.0072  
 Std Dev: 0.1964 +/- 0.0051

**Cycle 4, NegHel**

Entries: 1242  
 Mean: 6.6845 +/- 0.0057  
 Std Dev: 0.2014 +/- 0.0040

Entries: 2749  
 Mean: 10.3020 +/- 0.0049  
 Std Dev: 0.2574 +/- 0.0035

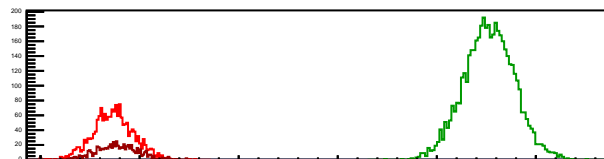
Entries: 1562  
 Mean: 6.6384 +/- 0.0052  
 Std Dev: 0.2061 +/- 0.0037

**Cycle 5, NegHel**

Entries: 1731  
 Mean: 6.7353 +/- 0.0050  
 Std Dev: 0.2066 +/- 0.0035

Entries: 4803  
 Mean: 10.5275 +/- 0.0037  
 Std Dev: 0.2551 +/- 0.0026

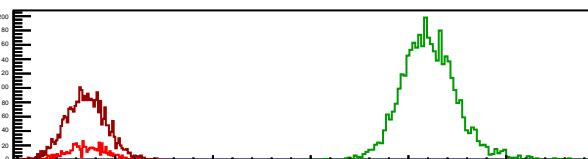
Entries: 671  
 Mean: 6.7741 +/- 0.0080  
 Std Dev: 0.2075 +/- 0.0057

**Cycle 6, NegHel**

Entries: 662  
 Mean: 6.7078 +/- 0.0077  
 Std Dev: 0.1993 +/- 0.0055

Entries: 3924  
 Mean: 10.2145 +/- 0.0046  
 Std Dev: 0.2883 +/- 0.0033

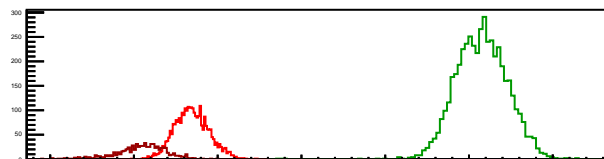
Entries: 2916  
 Mean: 6.7030 +/- 0.0038  
 Std Dev: 0.2071 +/- 0.0027

**Cycle 7, NegHel**

Entries: 2943  
 Mean: 6.6914 +/- 0.0038  
 Std Dev: 0.2044 +/- 0.0027

Entries: 4790  
 Mean: 10.1496 +/- 0.0044  
 Std Dev: 0.3069 +/- 0.0031

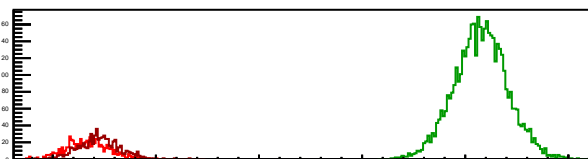
Entries: 763  
 Mean: 6.0865 +/- 0.0109  
 Std Dev: 0.3019 +/- 0.0077

**Cycle 8, NegHel**

Entries: 721  
 Mean: 6.3306 +/- 0.0074  
 Std Dev: 0.2000 +/- 0.0053

Entries: 4687  
 Mean: 10.1511 +/- 0.0038  
 Std Dev: 0.2588 +/- 0.0027

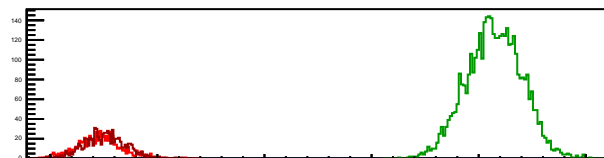
Entries: 665  
 Mean: 6.4509 +/- 0.0077  
 Std Dev: 0.1985 +/- 0.0054

**Cycle 9, NegHel**

Entries: 659  
 Mean: 6.4599 +/- 0.0079  
 Std Dev: 0.2024 +/- 0.0056

Entries: 4210  
 Mean: 10.1447 +/- 0.0040  
 Std Dev: 0.2579 +/- 0.0028

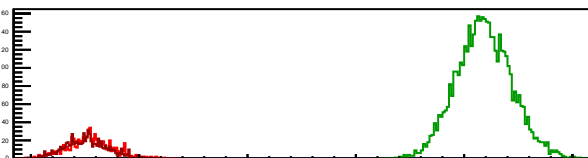
Entries: 768  
 Mean: 6.5080 +/- 0.0070  
 Std Dev: 0.1946 +/- 0.0050

**Cycle 10, NegHel**

Entries: 740  
 Mean: 6.5409 +/- 0.0076  
 Std Dev: 0.2081 +/- 0.0054

Entries: 4733  
 Mean: 10.1829 +/- 0.0037  
 Std Dev: 0.2551 +/- 0.0026

Entries: 765  
 Mean: 6.5106 +/- 0.0070  
 Std Dev: 0.1949 +/- 0.0050

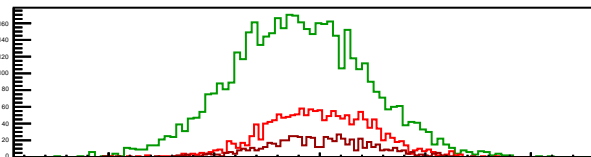


### Cycle 1, Diffs

Entries: 1646  
Mean: -0.0032 +/- 0.0062  
Std Dev: 0.2501 +/- 0.0044

Entries: 4805  
Mean: -0.1000 +/- 0.0046  
Std Dev: 0.3161 +/- 0.0032

Entries: 673  
Mean: -0.0083 +/- 0.0099  
Std Dev: 0.2573 +/- 0.0070

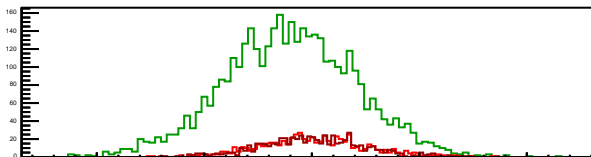


### Cycle 2, Diffs

Entries: 658  
Mean: 0.0080 +/- 0.0097  
Std Dev: 0.2501 +/- 0.0069

Entries: 3984  
Mean: -0.1049 +/- 0.0049  
Std Dev: 0.3068 +/- 0.0034

Entries: 661  
Mean: 0.0030 +/- 0.0094  
Std Dev: 0.2420 +/- 0.0067

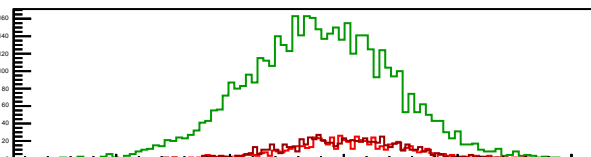


### Cycle 3, Diffs

Entries: 660  
Mean: 0.0178 +/- 0.0095  
Std Dev: 0.2434 +/- 0.0067

Entries: 4767  
Mean: -0.1039 +/- 0.0046  
Std Dev: 0.3169 +/- 0.0032

Entries: 737  
Mean: -0.0099 +/- 0.0091  
Std Dev: 0.2482 +/- 0.0065

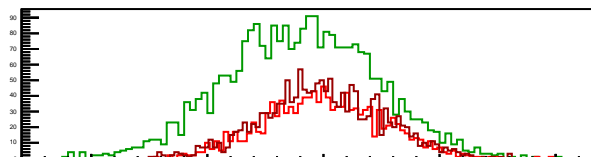


### Cycle 4, Diffs

Entries: 1242  
Mean: 0.0036 +/- 0.0072  
Std Dev: 0.2539 +/- 0.0051

Entries: 2749  
Mean: -0.0993 +/- 0.0061  
Std Dev: 0.3192 +/- 0.0043

Entries: 1562  
Mean: -0.0010 +/- 0.0065  
Std Dev: 0.2563 +/- 0.0046

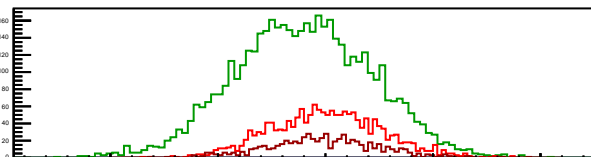


### Cycle 5, Diffs

Entries: 1731  
Mean: 0.0035 +/- 0.0061  
Std Dev: 0.2557 +/- 0.0043

Entries: 4803  
Mean: -0.1056 +/- 0.0046  
Std Dev: 0.3200 +/- 0.0033

Entries: 671  
Mean: -0.0136 +/- 0.0099  
Std Dev: 0.2564 +/- 0.0070

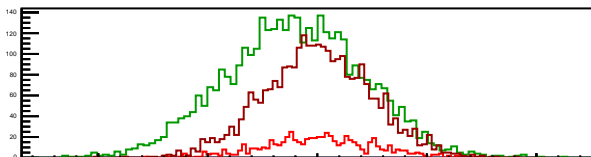


### Cycle 6, Diffs

Entries: 662  
Mean: 0.0047 +/- 0.0101  
Std Dev: 0.2587 +/- 0.0071

Entries: 3924  
Mean: -0.1021 +/- 0.0050  
Std Dev: 0.3157 +/- 0.0036

Entries: 2916  
Mean: 0.0027 +/- 0.0046  
Std Dev: 0.2459 +/- 0.0032

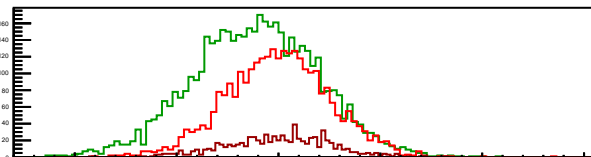


### Cycle 7, Diffs

Entries: 2943  
Mean: -0.0015 +/- 0.0101  
Std Dev: 0.2549 +/- 0.0033

Entries: 4790  
Mean: -0.1135 +/- 0.0045  
Std Dev: 0.3082 +/- 0.0031

Entries: 763  
Mean: -0.0009 +/- 0.0093  
Std Dev: 0.2567 +/- 0.0066

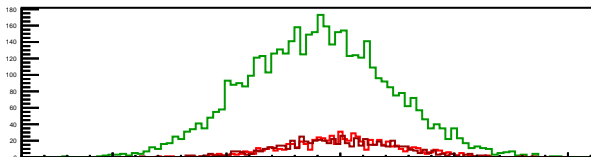


### Cycle 8, Diffs

Entries: 721  
Mean: 0.0062 +/- 0.0094  
Std Dev: 0.2522 +/- 0.0066

Entries: 4687  
Mean: -0.1021 +/- 0.0046  
Std Dev: 0.3116 +/- 0.0032

Entries: 665  
Mean: -0.0089 +/- 0.0100  
Std Dev: 0.2577 +/- 0.0071

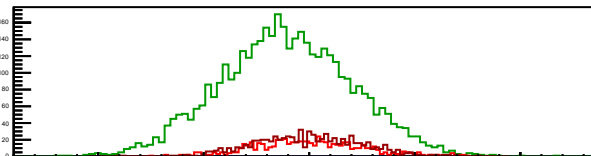


### Cycle 9, Diffs

Entries: 659  
Mean: -0.0017 +/- 0.0101  
Std Dev: 0.2601 +/- 0.0072

Entries: 4210  
Mean: -0.1107 +/- 0.0048  
Std Dev: 0.3141 +/- 0.0034

Entries: 768  
Mean: -0.0068 +/- 0.0091  
Std Dev: 0.2517 +/- 0.0064

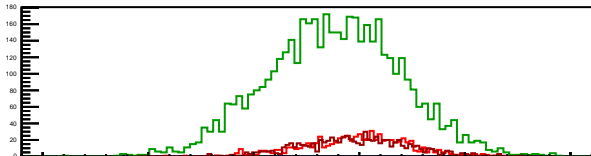


### Cycle 10, Diffs

Entries: 740  
Mean: -0.0121 +/- 0.0090  
Std Dev: 0.2443 +/- 0.0063

Entries: 4733  
Mean: -0.1194 +/- 0.0046  
Std Dev: 0.3170 +/- 0.0033

Entries: 765  
Mean: -0.0235 +/- 0.0091  
Std Dev: 0.2518 +/- 0.0064

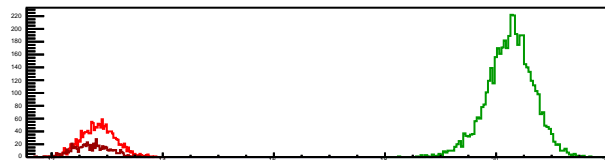


### Cycle 1, Sums

Entries: 1646  
Mean: 12.8457 +/- 0.0076  
Std Dev: 0.3099 +/- 0.0054

Entries: 4805  
Mean: 20.2509 +/- 0.0060  
Std Dev: 0.4186 +/- 0.0043

Entries: 673  
Mean: 12.7207 +/- 0.0124  
Std Dev: 0.3217 +/- 0.0088

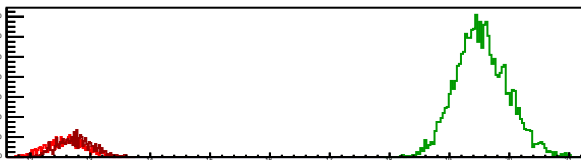


### Cycle 2, Sums

Entries: 658  
Mean: 12.5873 +/- 0.0124  
Std Dev: 0.3170 +/- 0.0087

Entries: 3984  
Mean: 19.5384 +/- 0.0069  
Std Dev: 0.4331 +/- 0.0049

Entries: 661  
Mean: 12.7424 +/- 0.0119  
Std Dev: 0.3062 +/- 0.0084



### Cycle 3, Sums

Entries: 660  
Mean: 12.4235 +/- 0.0115  
Std Dev: 0.2956 +/- 0.0081

Entries: 4767  
Mean: 20.0768 +/- 0.0090  
Std Dev: 0.6210 +/- 0.0064

Entries: 737  
Mean: 13.3658 +/- 0.0116  
Std Dev: 0.3154 +/- 0.0082



### Cycle 4, Sums

Entries: 1242  
Mean: 13.3727 +/- 0.0090  
Std Dev: 0.3173 +/- 0.0064

Entries: 2749  
Mean: 20.5047 +/- 0.0078  
Std Dev: 0.4096 +/- 0.0055

Entries: 1562  
Mean: 13.2759 +/- 0.0082  
Std Dev: 0.3248 +/- 0.0058

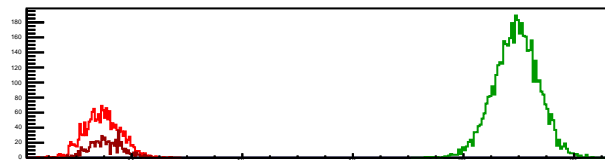


### Cycle 5, Sums

Entries: 1731  
Mean: 13.4740 +/- 0.0079  
Std Dev: 0.3269 +/- 0.0056

Entries: 4803  
Mean: 20.9494 +/- 0.0058  
Std Dev: 0.4004 +/- 0.0041

Entries: 671  
Mean: 13.5347 +/- 0.0114  
Std Dev: 0.2964 +/- 0.0081

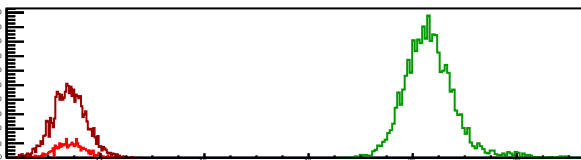


### Cycle 6, Sums

Entries: 662  
Mean: 13.4202 +/- 0.0115  
Std Dev: 0.2963 +/- 0.0081

Entries: 3924  
Mean: 20.3238 +/- 0.0079  
Std Dev: 0.4930 +/- 0.0056

Entries: 2916  
Mean: 13.4087 +/- 0.0060  
Std Dev: 0.3263 +/- 0.0043

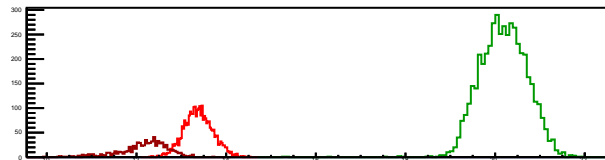


### Cycle 7, Sums

Entries: 2943  
Mean: 13.3813 +/- 0.0120  
Std Dev: 0.3221 +/- 0.0042

Entries: 4790  
Mean: 20.1856 +/- 0.0076  
Std Dev: 0.5233 +/- 0.0053

Entries: 763  
Mean: 12.1722 +/- 0.0198  
Std Dev: 0.5479 +/- 0.0140

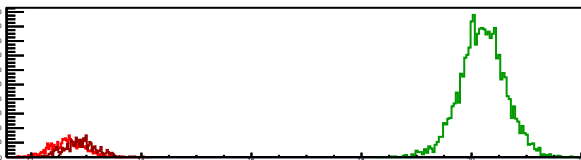


### Cycle 8, Sums

Entries: 721  
Mean: 12.6674 +/- 0.0114  
Std Dev: 0.3061 +/- 0.0081

Entries: 4687  
Mean: 20.2000 +/- 0.0060  
Std Dev: 0.4111 +/- 0.0042

Entries: 665  
Mean: 12.8929 +/- 0.0115  
Std Dev: 0.2978 +/- 0.0082

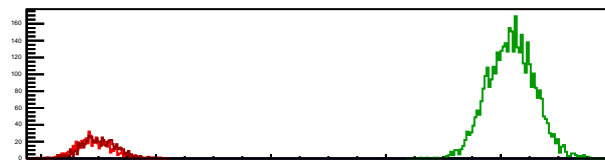


### Cycle 9, Sums

Entries: 659  
Mean: 12.9181 +/- 0.0120  
Std Dev: 0.3084 +/- 0.0085

Entries: 4210  
Mean: 20.1787 +/- 0.0062  
Std Dev: 0.4034 +/- 0.0044

Entries: 768  
Mean: 13.0093 +/- 0.0112  
Std Dev: 0.3107 +/- 0.0079

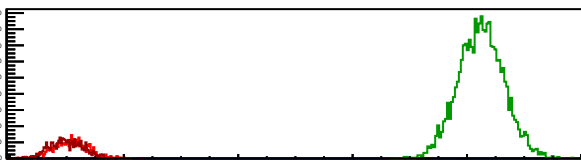


### Cycle 10, Sums

Entries: 740  
Mean: 13.0697 +/- 0.0111  
Std Dev: 0.3024 +/- 0.0079

Entries: 4733  
Mean: 20.2464 +/- 0.0058  
Std Dev: 0.3963 +/- 0.0041

Entries: 765  
Mean: 12.9977 +/- 0.0106  
Std Dev: 0.2926 +/- 0.0075

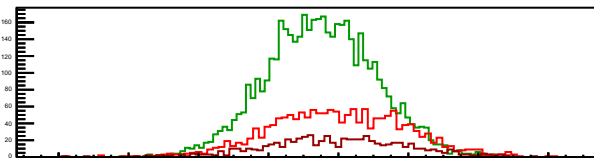


### Cycle 1, Asyms

Entries: 1646  
Mean: -0.0002 +/- 0.0005  
Std Dev: 0.0194 +/- 0.0003

Entries: 4805  
Mean: -0.0049 +/- 0.0002  
Std Dev: 0.0156 +/- 0.0002

Entries: 737  
Mean: -0.0007 +/- 0.0008  
Std Dev: 0.0202 +/- 0.0006

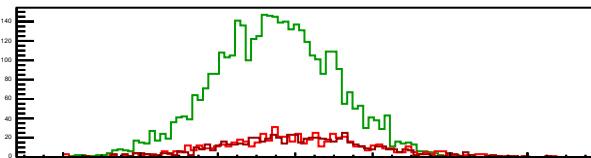


### Cycle 2, Asyms

Entries: 658  
Mean: 0.0006 +/- 0.0008  
Std Dev: 0.0198 +/- 0.0005

Entries: 3984  
Mean: -0.0054 +/- 0.0002  
Std Dev: 0.0157 +/- 0.0002

Entries: 661  
Mean: 0.0003 +/- 0.0007  
Std Dev: 0.0190 +/- 0.0005

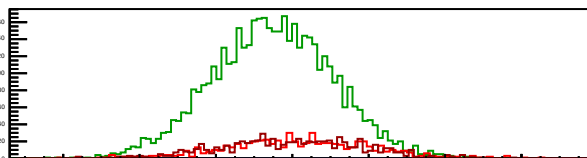


### Cycle 3, Asyms

Entries: 660  
Mean: 0.0014 +/- 0.0008  
Std Dev: 0.0196 +/- 0.0005

Entries: 4767  
Mean: -0.0052 +/- 0.0002  
Std Dev: 0.0158 +/- 0.0002

Entries: 737  
Mean: -0.0001 +/- 0.0007  
Std Dev: 0.0185 +/- 0.0005

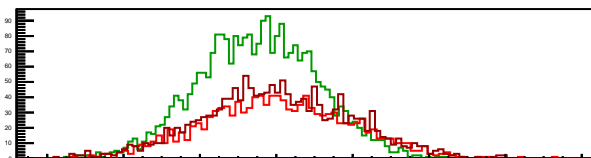


### Cycle 4, Asyms

Entries: 1242  
Mean: 0.0003 +/- 0.0005  
Std Dev: 0.0189 +/- 0.0004

Entries: 2749  
Mean: -0.0049 +/- 0.0003  
Std Dev: 0.0156 +/- 0.0002

Entries: 1562  
Mean: -0.0001 +/- 0.0005  
Std Dev: 0.0193 +/- 0.0003

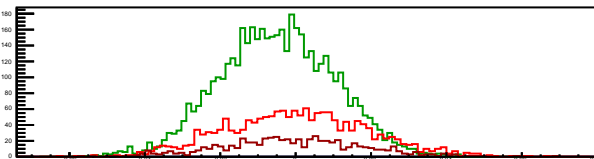


### Cycle 5, Asyms

Entries: 1731  
Mean: 0.0003 +/- 0.0005  
Std Dev: 0.0190 +/- 0.0003

Entries: 4803  
Mean: -0.0056 +/- 0.0002  
Std Dev: 0.0153 +/- 0.0002

Entries: 671  
Mean: -0.0010 +/- 0.0007  
Std Dev: 0.0189 +/- 0.0005

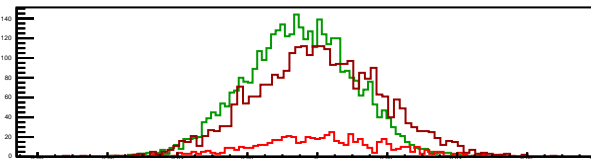


### Cycle 6, Asyms

Entries: 662  
Mean: 0.0004 +/- 0.0007  
Std Dev: 0.0193 +/- 0.0005

Entries: 3924  
Mean: -0.0052 +/- 0.0002  
Std Dev: 0.0155 +/- 0.0002

Entries: 2916  
Mean: 0.0002 +/- 0.0003  
Std Dev: 0.0183 +/- 0.0002

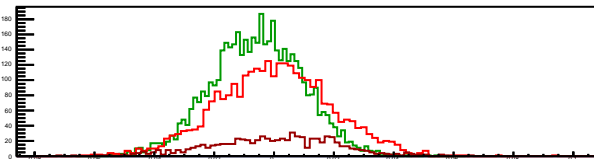


### Cycle 7, Asyms

Entries: 2943  
Mean: -0.0001 +/- 0.0003  
Std Dev: 0.0190 +/- 0.0002

Entries: 4790  
Mean: -0.0055 +/- 0.0002  
Std Dev: 0.0153 +/- 0.0002

Entries: 763  
Mean: -0.0001 +/- 0.0008  
Std Dev: 0.0211 +/- 0.0005

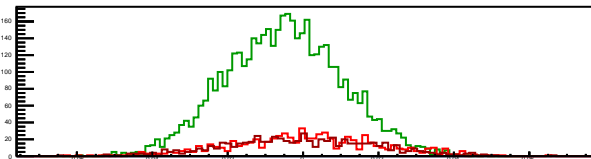


### Cycle 8, Asyms

Entries: 721  
Mean: 0.0005 +/- 0.0007  
Std Dev: 0.0199 +/- 0.0005

Entries: 4687  
Mean: -0.0051 +/- 0.0002  
Std Dev: 0.0154 +/- 0.0002

Entries: 665  
Mean: -0.0007 +/- 0.0008  
Std Dev: 0.0200 +/- 0.0005

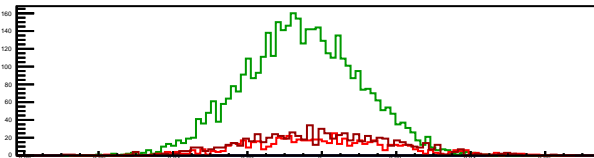


### Cycle 9, Asyms

Entries: 659  
Mean: -0.0001 +/- 0.0008  
Std Dev: 0.0201 +/- 0.0006

Entries: 4210  
Mean: -0.0055 +/- 0.0002  
Std Dev: 0.0156 +/- 0.0002

Entries: 768  
Mean: -0.0005 +/- 0.0007  
Std Dev: 0.0193 +/- 0.0005



### Cycle 10, Asyms

Entries: 740  
Mean: -0.0009 +/- 0.0007  
Std Dev: 0.0186 +/- 0.0005

Entries: 4733  
Mean: -0.0059 +/- 0.0002  
Std Dev: 0.0156 +/- 0.0002

Entries: 765  
Mean: -0.0018 +/- 0.0007  
Std Dev: 0.0193 +/- 0.0005

